TKWL-140系列玻璃板液位计

TKWL-140 Glass Plate Liquid Level Meter

一、概述

TKWL-140系列玻璃板液位计主要用于各种受压容器或敞口容器（如塔、罐、槽等）内的液体液位现场直接指示。

二、原理与结构

TKWL-140系列液位计是基于连通器原理设计的，由玻璃板及液位计主体通过法兰与被测容器相接构成连通器，透过玻璃板可观察到实际液位。液位计主要由玻璃板、表体、压盖、上下阀门和法兰等组成的，由于玻璃板长度固定，所以通过改变玻璃板节数可制成不同规格的液位计。

液位计配套的上下阀门不但起截止阀的作用，而且内置钢球在玻璃板意外破损时起自动关闭作用，防止液体或气体外泄。

三、参数

1、安装中心距：500 800 1100 1400 1700mm；
2、工作压力：2.5 4.0 6.4MPa；
3、介质温度：0~250℃ -40~80℃；
4、阀门自动关闭：≥0.2MPa；
5、夹套工作压力：≤0.6MPa；
6、夹套接口尺寸：G1/2″（M）可定制；
7、液位计结构尺寸：

Overview

TKWL-140 glass plate liquid level meter is mainly used in direct site indication of the liquid level inside various pressure vessels or open vessels (such as tower, tank and groove).

Principle and Structure

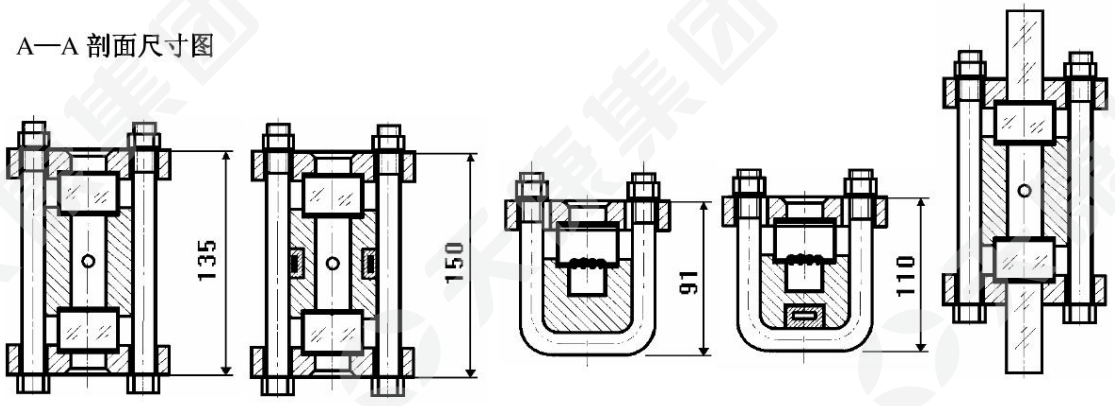
TKWL-140 liquid level meter is designed based on the theory of communicating vessels. The communicating vessel is formed by the connection of the glass plate and the body of the liquid level meter through the flange and the measured vessel. Through the glass plate, actual liquid level can be observed. The liquid level meter is mainly composed of the glass plate, the meter body, the cover, upper and bottom valves as well as the flange. As the length of the glass plate is fixed, by changing the pitch number of the glass plate, liquid level meters of different specifications can be made.
Not only can the matched upper and bottom valves of the liquid level meter play the role of the stop valve, but the inside steel ball can also play the role of closing when the glass plate is damaged accidentally in order to prevent escape of liquid or gas.

Parameters

1. Center distance of installation: 500 800 1100 1400 1700mm
2. Operating pressure: 2.5 4.0 6.4MPa
3. Medium temperature: 0~250℃-40~80℃
4. Self-closing of valve: ≥0.2MPa
5. Jacket's operating pressure: ≤0.6MPa
6. Jacket's pipe dimension: G1/2″(M)customized
7. Structure size of liquid level meter



A—A 剖面尺寸图



透光式　透光式带夹套　反射式　反射式带夹套　防霜式

TKWL–140系列玻璃板液位计订购信息
Order Information of TKML-140 Glass Plate Liquid Level Meter

TKWL-140								
功能类型 Function type 透光式 A Transmitting type 双色透光式 B Two-tone transmitting type 反射式 C Reflecting type								
触液材质 Fluid contacting material 碳钢 1 Carbon steel 304 2 316L 3 其他特殊材质 Z Other special materials								
过程连接 **Process connection** 固定法兰 法兰标准 Fixed flange Flange standard 固定螺纹 螺纹规格 Fixed thread Flange specification 其他 Z Other								
安装方式 **Installation method** 侧-侧式 B0 Side-side type 顶-底式 B1 Top-bottom type 侧-底式 B2 Side-bottom type 顶-侧式 B3 Top-side type 其他 Z Other								
中心距 **Center distance**								
工作压力 **Operating pressure**								
工作温度 **Operating temperature**								
附件选择 **Attachment selection** 无附件 0 No attachment 蒸汽伴热 1 Steam tracing 无盲区 2 No dead zone 防霜 3 Frost prevention 其他 4 Others								